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If you're a Unix system administrator, then the information you need every day just to get your job done could fill a book--a very large book. But, practically

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speaking, you don't want to stop and thumb through a weighty volume each time a problem arises. Your answer is the Essential System Administration Pocket Reference, the only system administration reference that fits in your pocket. Concise and easy-to-use, this little book is the portable

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companion to the classic Essential System Administration by A Eelen Frisch. The Essential System

Administration Pocket Reference is a quick reference to all the fundamental and essential tasks required to run such divergent Unix systems as Solaris, Linux, AIX, BSD, SuSe, Red Hat, and

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more. Beginners and experienced administrators alike will quickly be able to apply its principles and advice to solve everyday problems. The book is divided into three parts: Commands, Syntax and Their Applications, Configuration Files and Formats, and Operating System Specific Information.

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deliver just what you need to complete the task at hand. When you've reached a sticking point and need to get to a solution quickly, the new Essential System Administration Pocket Reference is the book you'll want to have.

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we invest the time in learning the craft of Linux administration. Pro Linux System Administration makes it easy for small- to medium-sized businesses to enter the world of zero-cost software running on Linux and covers all the distros you might want to use, including Red Hat, Ubuntu, Debian, and CentOS.

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SMB Linux infrastructure, Pro Linux System Administration clearly demonstrates everything you need.

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the authors. Pro Linux System Administration covers An introduction to using Linux and free and open source software to cheaply and efficiently manage your business A layered model that allows your infrastructure to grow with your business Easy and simple-to-understand instructions

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including configurations, examples, and extensive real-world hints and tips

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- *Imparts good security doctrine, methodology, and strategies
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know thoroughly. Red Hat RHCSA/RHCE 7, Premium Edition eBook and Practice Test focuses specifically on the objectives for the newest Red Hat RHCSA (EX200) and RHCE (EX300) exams reflecting Red Hat Enterprise Linux 7. Expert Linux trainer and consultant Sander van Vugt

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Security: Configuring firewalls, advanced Apache services, DNS, MariaDB, NFS, Samba, SMTP, SSH, and time synchronization

UNIX System Administration Handbook

Red Hat Enterprise Linux 7 (EX200 and EX300)

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Operating System.

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“ As this book shows, Linux systems are just as functional, secure, and reliable as their proprietary counterparts. Thanks to the ongoing efforts of thousands of Linux developers, Linux is more ready than ever for deployment at the frontlines of the real world. The authors of this

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book know that terrain well, and I am happy to leave you in their most capable hands. ” –Linus Torvalds

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experience in large-scale system administration. Unique and highly recommended. ” –Jonathan Corbet, cofounder, LWN.net

“ Nemeth et al.

is the overall winner for Linux

administration: it ’ s intelligent, full of insights, and looks at the

implementation of concepts. ”

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—Peter Salus, editorial director, Matrix.net Since 2001, Linux Administration Handbook has been the definitive resource for every Linux® system administrator who must efficiently solve technical problems and maximize the reliability and performance of a production

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environment. Now, the authors have systematically updated this classic guide to address today ' s most important Linux distributions and most powerful new administrative tools. The authors spell out detailed best practices for every facet of system administration, including

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storage management, network design and administration, web hosting, software configuration management, performance analysis, Windows interoperability, and much more. Sysadmins will especially appreciate the thorough and up-to-date discussions of such difficult

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topics such as DNS, LDAP, security, and the management of IT service organizations. Linux® Administration Handbook, Second Edition, reflects

the current versions of these leading distributions: Red Hat® Enterprise Linux® Fedora™ Core SUSE® Linux Enterprise Debian® GNU/Linux

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Ubuntu® Linux Sharing their war stories and hard-won insights, the authors capture the behavior of Linux systems in the real world, not just in ideal environments. They explain complex tasks in detail and illustrate these tasks with examples drawn from their extensive hands-on

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Prepares users for the Red Hat Certified Technician (RHCT)

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Have you ever wanted to become a

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Linux System Administrator? Or did you want to learn more about the operating system? If you answered yes to these questions, you have come to the right place. The motive of this book is to get you well versed with the Linux operating system and the profile known to the world as

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Linux System Administration. A Linux system admin is basically a superhero who owns the servers of an organization and makes sure that they never go down. Servers in an organization contain user data, which is the most important thing in the modern world. Loss of data can result

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in huge losses for an organization and even lawsuits. Over the course of the book, you will gather information about the following: This book will prepare you with the knowledge that is essential to enter the field of Linux system administration. You will learn about the operating system called

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Red Hat Enterprise Linux 7 and how to install it. After installing you will

learn about the tasks that are

essential for a system in their day-to-

day life. You will learn about the

command line in Linux, which is used

extensively by system admins to

perform tasks using important

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commands. You will further get to know about the Linux File System hierarchy and how to navigate your way through files and directories in the Linux operating system. You will also understand how processes work in the Linux system and how you can use commands and signals to

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manage system processes as well as processes started manually. You will learn about SSH, which is one of the most used tools in Linux systems to create secure connections between two Linux systems on a private network or over the Internet. You will study how to analyze logs in the

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Linux system and how to read them to understand errors and how to fix those errors. And much more ! All in all, the book is aimed at preparing you to enter the world of Linux system administration such that you can pursue a career in an organization, which demand this role

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on a very large scale.

Learn over 116 Linux commands to develop the skills you need to become a professional Linux system administrator

Key Features

Explore essential Linux commands and understand how to use Linux help tools

Discover the power of task

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automation with bash scripting and Cron jobs Get to grips with various network configuration tools and disk management techniques

Book Description Linux is one of the most sought-after skills in the IT industry, with jobs involving Linux being increasingly in demand. Linux is by

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far the most popular operating system deployed in both public and private clouds; it is the processing power behind the majority of IoT and embedded devices. Do you use a mobile device that runs on Android? Even Android is a Linux distribution. This Linux book is a practical guide

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that lets you explore the power of the Linux command-line interface.

Starting with the history of Linux, you'll quickly progress to the Linux filesystem hierarchy and learn a variety of basic Linux commands.

You'll then understand how to make use of the extensive Linux

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documentation and help tools. The book shows you how to manage users and groups and takes you through the process of installing and managing software on Linux systems. As you advance, you'll discover how you can interact with Linux processes and troubleshoot network problems

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before learning the art of writing bash scripts and automating administrative tasks with Cron jobs. In addition to this, you'll get to create your own Linux commands and analyze various disk management techniques. By the end of this book, you'll have gained the Linux skills

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required to become an efficient Linux system administrator and be able to manage and work productively on Linux systems. What you will learn Master essential Linux commands and analyze the Linux filesystem hierarchy Find out how to manage users and groups in

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Linux Analyze Linux file ownership and permissions Automate

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using a variety of Linux networking commands Perform disk partitioning, mount filesystems, and create logical volumes Who this book is for This book doesn't assume any prior Linux knowledge, which makes it perfect for beginners. Intermediate and advanced Linux users will also find

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this book very useful as it covers a wide range of topics necessary for Linux administration.

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"Tiny Python Projects is a gentle and amusing introduction to Python that will firm up key programming concepts while also making you giggle."—Amanda

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programmer Code-along with free accompanying videos on YouTube Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

About The Book The 21 fun-but-powerful activities in Tiny Python

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Projects teach Python fundamentals through puzzles and games. You'll be engaged and entertained with every exercise, as you learn about text manipulation, basic algorithms, and lists and dictionaries, and other foundational programming

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skills. Gain confidence and experience while you create each satisfying project. Instead of going quickly through a wide range of concepts, this book concentrates on the most useful skills, like text manipulation, data structures, collections, and

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program logic with projects that include a password creator, a word rhymer, and a Shakespearean insult generator. Author Ken Youens-Clark also teaches you good programming practice, including writing tests for your code as you go. What

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You Will Learn Write command-line Python programs Manipulate Python data structures Use and control randomness Write and run tests for programs and functions Download testing suites for each project This Book Is Written For For readers

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familiar with the basics of Python programming. About The Author
Ken Youens-Clark is a Senior Scientific Programmer at the University of Arizona. He has an MS in Biosystems Engineering and has been programming for over 20 years. Table of Contents

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command line can help you become a better SysAdmin. Understand why many things in the Linux and Unix worlds are done as they are, and how to apply the Linux Philosophy to working as a SysAdmin. The original Unix/Linux Philosophy

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presented foundational and functional tenets - rules, guidelines, and procedural methods - that worked well. However, it was intended for the developers of those operating systems. Although System Administrators could apply many

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of the tenets to their daily work, many important tenets were missing. Over the years that David Both has been working with Linux and Unix, he has formulated his own philosophy - one which applies more directly to the everyday life of the

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Essential System Administration, 3rd Edition is the definitive guide for Unix system administration, covering all the

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administrators turn to over and over again is not just the sheer volume of valuable information it provides, but the clear, useful way the information is presented. It discusses the underlying higher-level concepts, but it also provides the details of the procedures needed to carry them out. It is not

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organized around the features of the Unix operating system, but around the various facets of a system administrator's job. It describes all the usual administrative tools that Unix provides, but it also shows how to use them intelligently and efficiently. Whether you use a

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through tools and resources to help you craft your final study plan. Well regarded for its level of detail, assessment features, and challenging review questions and exercises, this study guide helps you master the concepts and techniques

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interested in unleashing the full power of Ubuntu. This edition has been fully updated for Ubuntu 10.04 (Lucid Lynx), a milestone Long Term Support (LTS) release, which Canonical will support on desktops until 2013 and on servers until 2015.

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with files. You will then dive into managing permissions, processes and software before working with logs, exploring Linux security and finally managing services. The author uses real world

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12 real-world projects so you can practice as you learn. Each chapter ends with a review of best practices, new terms, and exercises. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology You can't learn anything

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without getting your hands dirty— including Linux. Skills like securing files, folders, and servers, safely installing patches and applications, and managing a network are required for any serious user, including developers, administrators, and DevOps professionals. With this

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hands-on tutorial, you'll roll up your sleeves and learn Linux project by project. About the Book Linux in Action guides you through 12 real-world projects, including automating a backup-and-restore system, setting up a private Dropbox-style file cloud, and building your own MediaWiki server. You'll try

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Web Services in a Month of Lunches.

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Provides advice for system administrators on time management, covering such topics as keeping an effective calendar, eliminating time wasters, setting priorities, automating processes, and managing interruptions. The Mastering Linux Series consisting of 6 books (Fundamentals, System

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Linux Administration

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Time Management for System Administrators

**A beginner-friendly guide to getting up
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founder of the Linux Training Academy and an instructor of several courses, I've had the good fortune of helping thousands of people hone their Linux skills. Interacting with so many people who are just getting started with the Linux operating system has given me invaluable insight into the particular

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struggles and challenges people face at this stage. One of the biggest

challenges for people interested in

learning the ins and outs of Linux is

simply a lack of time. When you are

working with a limited and extremely

valuable resource you want to make

sure you make the most of it. The next

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biggest challenge for Linux newcomers is knowing where to start. There is so much information available that deciding what to focus your attention on first is a big enough hurdle to keep many people from even starting. What's worse is starting down the path of learning only to discover too many

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concepts, commands, and nuances that aren't explained. This kind of experience is frustrating and leaves you with more questions than answers. That's why I've written this book. Not only have I condensed the most important material into five sections, each designed to be

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consumed in a day, I've also structured the content in a logical and systematic manner. This way you'll be sure to make the most out of your time by learning the foundational aspects of Linux first and then building upon that foundation each day. In Learn Linux in 5 Days you will learn the most

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important concepts and commands, and be guided step-by-step through several practical and real-world

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Linux Systems Administration The truth is: Linux is a very important force in computing technology. It is the source of power in everything, be it mobile phones or personal computers or be it

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supercomputers or servers. The purpose of a system administrator is to manage the operations of this computer system. As most of the computing devices are powered by Linux, it is very much essential to learn it. If you are one of those interested to learn about Linux system

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administration, read on to get a comprehensive idea. A file system is the method of storing files on the hard disk. Linux supports various kinds of file systems like the conventional disk file systems, special-purpose file systems and flash storage file systems. The Linux system stores the files

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according to a standard layout known as the file system hierarchy. Linux is a very simple operating system as it has a cheap hosting space and the database is open-source. Most people prefer the Linux servers for various web application and hosting purposes. As an open operating system, Linux is

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under constant development. Various organizations and companies are responsible for the development as well as the ongoing support. System administration has become a very important criterion to be satisfied for an organization in need of a strong IT infrastructure. Thus efficient Linux

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administrators are required everywhere. DOWNLOAD: Linux System Administration for Beginners, Linux System Administration Guide for Basic Configuration, Network and System Diagnostic Guide to Text Manipulation and Everything on Linux Operating System. Linux system

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administration is a very much in-demand IT skill. Thus it is very much essential to learn the skills. A system administrator must be efficient enough to manage various kinds of internet applications inclusive to DNS, Apache, RADIUS, MySQL, PHP etc. He should also be able to provide training and

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support to other server administrators of the organization. Reviewing all the error logs and fixing them are some other duties other than providing world-class customer support. The goal of the eBook is simple: It is a comprehensive guide for the beginners to learn everything about Linux system

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Training Academy, and an instructor to over 40,000

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